



Phaenon AT TRI-PAN

Full Color Laser Projector

Data Sheet

Exclusively based on Coherent® Taipan laser sources

Supreme beam quality, brilliant colors

Low weight, compact design

High durability

Extended operating range with optional grating module

Built-in show controller on request

Good price-performance ratio

Laser System

Type:	Triple Pack of Taipan OPSL diodes
Power of the sources:	1.5W red, 2W green, 1.5W blue
Typical wavelengths:	639nm 532 nm 460nm
Beam diameter:	1.4mm
Beam divergence:	< 1.5mrad
White light D65:	3000mW (@ emission window)
Total power:	5.5W

Projector

Scanner:	CTI 6210H with Turbo scan driver
Aperture:	3mm
Projection angle horizontal / vertical	80° maximum 50° typically
Reaction time:	< 0.2ms
Emission window:	AR coated
Options:	<ul style="list-style-type: none">• Grating module, integrated• Laser show controller <i>Mark 2</i>, integrated



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Safety

- Key switch
- Interlock loop
- Emission LED
- Scanfail safety circuit

Connectors

- AC Mains Connector: Neutrik PowerCon®
- Projector Signal, analog: ILDA In, ILDA thru D-sub 25, differential inputs
- Remote: 7pin XLR (RS232, external key switch, Interlock)
- DMX In / Out: 5pin XLR
- LAN (optional): 8pin RJ45

Thermal

- Max. ambient temperature: 50°C
- Min. ambient temperature: -5°C
- Cooling: Forced air, low noise regulated fans
- Integrated dehumidifier plus silica box

Electrical input

- 100-120VAC / 200-240VAC / 50-60Hz autoringing
- Input power: 500W maximum

Operation

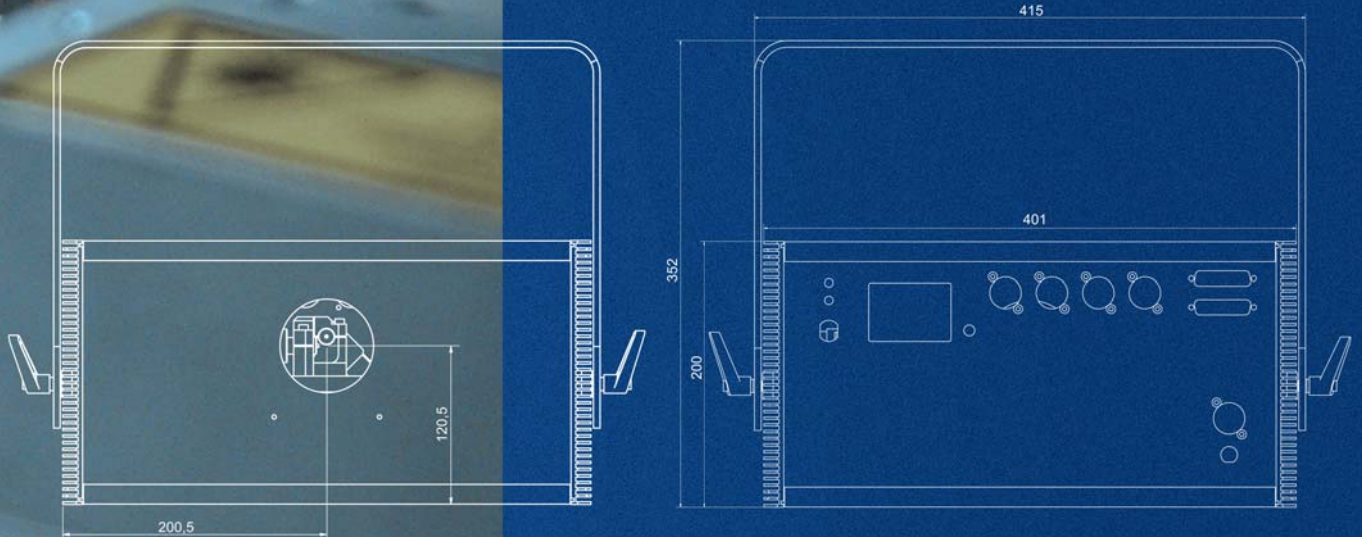
- Jog dial for setting of operation values
- Display with clearly arranged menu navigation for comfortable setting

Physical

- Dimensions (LxWxH): 400x400x200mm
- Stable yoke for truss mounting including bracket for safety rope
- Weight: Approx. 20kg without yoke and options
- Material: Aluminum anodized, black
- Construction: Dustproof housing
- Housing Protection Degree: IP 54

Conformity

CE, CDRH, EN 60825 compliant



Technical specifications subject to change without prior notice



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